AMENDMENTS TO THE CLAIMS:

Claim 1.   (Currently amended) A software portable telephone set comprising:

a detachable transmitting function part; and

transmitting and receiving circuits capable of being reconfigured afresh with software

program updating,

wherein the transmitting circuit transmission system is reconfigured afresh in relation

to the mounting and demounting of said a transmitting function part, and

wherein said detachable transmitting function part conditions a transmission

frequency signal received from said transmitting circuit.

Claim 2.   (Currently amended) The software portable telephone set according to claim 1,

wherein said the transmitting function part comprises is provided by a detachable module for

transmitting a modulated modulator output analog signal.

Claim 3.   (Currently amended) The software portable telephone set according to claim 1,

wherein the transmitting and receiving circuits comprise have a software memory part for

executing signal conversion processing, programs transferred from a program memory being

set in the software memory part.

Claim 4.   (Currently amended) The software portable telephone set according to claim 1,

wherein the transmitting and receiving circuits comprise one of include a demodulator, a

modulator and a wide-band synthesizer which are controlled by a program stored in a the

software memory part.

Claim 5.   (Currently amended) The software portable telephone set according to claim 2

~~1~~, wherein the detachable module <u>comprises one of</u> ~~includes~~ a power amplifier, a

transmission signal filter and an isolator.

Claim 6.   (Currently amended) The software portable telephone set according to claim 1,

wherein the transmitting and receiving circuits <u>comprise</u> ~~have~~ a software memory part for

executing signal conversion processing, programs transferred from a program memory being

set in the software memory part and a plurality of programs for commanding signal

conversion processing <u>being</u> ~~are~~ stored in the program memory.

Claim 7.   (Currently amended) The software portable telephone set according to claim 1,

wherein the transmitting and receiving circuits <u>comprise</u> ~~have~~ a software memory part for

executing a signal conversion processing, programs transferred from a program memory

being set in the software memory part and the software memory provides commands

according to a program transferred from the <u>program</u> ~~software source~~ memory according to a

system switching command.

Claim 8.   (Currently amended) A portable telephone set comprising<u>:</u>

    <u>a body;</u>

    <u>a transmitting circuit within said body; and</u>

    a transmission function unit ~~and/or a receipt function unit, wherein the transmission~~

~~function unit~~ for performing a specified transmission process <u>and being</u> ~~is~~ detachably

mounted to <u>said</u> ~~a~~ body of the portable telephone set<u>,</u>

wherein an ~~and the~~ operation of the transmission function <u>unit</u> ~~and/or receipt function~~

is determined on the basis of a predetermined software <u>program</u> which is selected<u>, and</u>

<u>wherein said transmission function unit conditions a transmission frequency signal</u>

<u>received from said transmitting circuit.</u>

Claim 9. (Currently amended) The portable telephone set according to claim 8, wherein

the predetermined software <u>program</u> is selected from a plurality of <u>software programs</u>

~~softwares~~ stored in a memory in the portable telephone set.

Claim 10. (Currently amended) The portable telephone set according to claim 8, <u>further</u>

<u>comprising a receive function unit comprising a received signal mixing portion, a</u>

<u>demodulating portion and a base band signal processing portion,</u> wherein <u>an</u> ~~the~~ operation of

<u>said</u> ~~a~~ received signal mixing portion, <u>said</u> ~~a~~ demodulating portion and <u>said</u> ~~a~~ base band signal

processing portion in the <u>receive</u> ~~receipt~~ function unit is determined on the basis of the

predetermined software <u>program.</u>

Claim 11. (Currently amended) The portable telephone set according to claim 8, wherein

<u>said transmission function unit comprises</u> one of a plurality of transmission function units

each performing a different frequency band operation ~~is detachably mounted to the body~~.

Claim 12. (Currently amended) The portable telephone set according to claim 9, <u>further</u>

<u>comprising a receive processing unit,</u> wherein the plurality of <u>software programs</u> ~~softwares~~

are stored in a software source memory, one of the plurality of <u>software programs</u> ~~softwares~~ is

selected and down-loaded and <u>an</u> ~~the~~ operation of the <u>receive</u> ~~receipt~~ processing unit is

defined by the down-loaded software <u>program</u>.

Claim 13.   (Currently amended) The portable telephone set according to claim 8, wherein

the transmission function unit <u>comprises one of</u> ~~includes~~ an amplifier, a transmission signal

filter and an isolator.

Claim 14.   (Currently amended) The portable telephone set according to claim 8, wherein

the transmission function unit <u>comprises</u> ~~includes~~ a software memory for storing <u>one of</u> a

plurality of <u>software programs</u> ~~softwares~~ each adapted to each transmission function unit, the

predetermined software <u>program being defined</u> ~~is defied~~ by loading the software <u>program</u>

from the software memory in the mounted transmission function unit.

Claim 15.   (Currently amended) The portable telephone set according to claim 8, <u>further</u>

<u>comprising a receipt function unit,</u> wherein <u>a</u> currently <u>operating</u> ~~operation~~ system is detected

on the basis of <u>a</u> demodulated output of <u>a</u> ~~the~~ received signal in the receipt function unit and

the detected system is displayed.

Claim 16.   (New) The software portable telephone set of claim 1, wherein said

detachable transmitting function part conditions the transmission frequency signal received

from said transmitting circuit based upon a transmission system that corresponds to said

detachable transmitting function part.

Claim 17.   (New) The software portable telephone set of claim 1, wherein said

transmitting circuit comprises a wide-band transmitting circuit.

Claim 18.   (New) The portable telephone set of claim 8, wherein said detachable

transmitting function part conditions the transmission frequency signal received from said

transmitting circuit based upon a transmission system that corresponds to said detachable

transmitting function part.

Claim 19.   (New) The portable telephone set of claim 8, wherein said transmitting circuit

comprises a wide-band transmitting circuit.

Claim 20.   (New) A portable telephone set, comprising:

        a detachable transmission module; and

        a transmitting circuit adapted to transmit in a transmission frequency signal in

accordance with instructions in a predetermined software program,

        wherein said detachable transmitting module conditions said transmission frequency

signal received from said transmitting circuit.